

Test by: F.I.R.S.T. MSR, Inc. Columbia, MO

## 2020 Corn Grain Top 30 Harvest Report

Missouri Central [MOCE] MALTA BEND, MO

Robin Mull, Saline County, MO 65339

<b>Early-Season Test</b>	107 - 112 Day CRM B2020MOCE02a
<b>Top 30 of 36</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Roundup, Outlook, 2-4d, Zidual Pro, Liberty
<b>SOIL DESCRIPTION:</b>	Marshall silt loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/O Fall Till, very high P, very high K, 6.4 pH, 3.1% OM, 15.3 CEC
<b>PEST MANAGEMENT:</b>	Atrazine, Verdict, Roundup, Armezon Pro, Veltyma, Force 3g
<b>FERTILITY - Applied N:</b>	200 Spring
<b>Applied N-P-K (units):</b>	200-0-0
<b>SEEDED - RATE - ROW:</b>	Apr 22 32.4 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 5 31.1 /A

### TEST COMMENTS:

The trial was planted alongside the Mull family into perfect soil conditions. It was mentioned to me that year in and year out, they are ready to go on April 1st. A wet early April delayed planting a bit. There were good stands, and the growing season had at least 1" of rain every week in July, which set the stage for a great trial. Robin's son mentioned to me that the corn never really stressed. Harvest reflected this with outstanding yields.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
MIDLAND GENETICS	XP110-1PR	VT2P,B	110	274.6	15.8	3	31.8	954	1
FS INVISION	FS 62ZV1 RIB	VT2P,B	112	272.6	16.3	1	31.9	941	2
LEWIS	12DT371	TRE,B	112	268.9	16.0	3	30.7	932	3
MIDLAND GENETICS	429PR RIB	VT2P,B	110	268.8	16.5	1	32.0	927	4
GREAT HEART	HT-7256DGV2P	VT2PDG,B	112	267.2	16.4	1	31.7	922	8
LEWIS	10DP719	VT2P,B	110	266.8	16.0	1	30.4	924	6
PIONEER	P1197AM GC	AM,B	111	266.2	15.9	1	32.1	924	7
LEWIS	09DD740	VT2PDG,B	109	265.4	15.4	1	31.8	925	5
FS INVISION	FS 6106X RIB	STX,B	111	264.9	15.7	1	31.9	921	9
NUTECH	68A7AM	AM,B	107	264.7	15.9	1	31.3	918	10
FS INVISION	FS 6107T RIB	TRE,B	111	261.9	15.2	3	30.7	915	11
DYNA-GRO	D52DC82	VT2PDG	112	261.4	15.8	1	28.9	907	13
MIDLAND GENETICS	430PR RIB	VT2P,B	110	261.3	15.9	1	31.1	907	14
GOLDEN HARVEST	G12S75-5122-EZR	5122,B	112	261.1	16.6	1	31.4	899	17
NUTECH	5FB-8808AM	AM,B	108	260.2	15.3	1	32.0	908	12
LEWIS	08DP739	VT2P,B	108	259.7	15.7	1	31.5	902	16
NUTECH	72B7CYFR	QR	112	257.3	16.3	1	31.0	889	19
GOLDEN HARVEST	G10L16-5222A-EZR	5222A,B	110	256.5	15.8	1	31.8	891	18
NUTECH	68B3VYHR	OL,B	108	255.8	15.9	1	32.3	887	20
AUGUSTA	1259	3330,B	109	254.5	15.6	1	31.1	885	21
NUTECH	70A8AM	AM,B	110	254.1	16.2	1	32.6	879	23
<b>BURRUS</b>	<b>POWER PLUS 4F71AM</b>	<b>AM,B</b>	<b>109</b>	<b>254.0</b>	<b>15.9</b>	<b>1</b>	<b>31.5</b>	<b>881</b>	<b>22</b>
MIDLAND GENETICS	570PR RIB	VT2P,B	112	253.3	16.4	2	31.2	874	25
FS INVISION	FS 6194V RIB	VT2P,B	111	252.3	15.7	1	31.7	877	24
DEKALB	DKC62-53RIB GC	VT2P,B	112	251.3	15.9	1	30.9	872	26
DEKALB	DKC60-88RIB GC	VT2P,B	110	249.5	16.0	1	29.5	865	28
MIDLAND GENETICS	381VLGA EZ1	3220A,B	108	248.8	15.5	1	30.5	867	27
NK BRAND	NK1205-3120-EZR	3120,B	112	248.6	16.4	1	32.0	858	31
<b>BURRUS</b>	<b>6G34 VT2P</b>	<b>VT2P,B</b>	<b>112</b>	<b>248.0</b>	<b>15.8</b>	<b>1</b>	<b>28.7</b>	<b>861</b>	<b>29</b>
<b>BURRUS</b>	<b>POWER PLUS 6Z43AM</b>	<b>AM,B</b>	<b>112</b>	<b>248.0</b>	<b>16.4</b>	<b>1</b>	<b>30.7</b>	<b>856</b>	<b>33</b>
PIONEER	P1380AM CK	AM	113	261.5	16.1	1	30.8	905	15
				<b>Averages =</b>	<b>257.2</b>	<b>15.9</b>	<b>1</b>	<b>31.1</b>	<b>892</b>
				<b>LSD (0.10) =</b>	7.9	0.2	1		
				<b>LSD (0.25) =</b>	4.1	0.1	0		
				<b>C.V. =</b>	3.4			Historic yield: 252.9 bu/a, 1 yr(s)	

*William Schelp*

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**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.035 Prices: GMO = \$3.50; non-GMO = \$3.50

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## 2020 Corn Grain Top 30 Harvest Report

Missouri Central [MOCE] MALTA BEND, MO

Robin Mull, Saline County, MO 65339

<b>Full-Season Test</b>	113 - 117 Day CRM B2020MOCE02b
<b>Top 30 of 36</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Roundup, Outlook, 2-4d, Zidual Pro, Liberty
<b>SOIL DESCRIPTION:</b>	Marshall silt loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/O Fall Till, very high P, very high K, 6.4 pH, 3.1% OM, 15.3 CEC
<b>PEST MANAGEMENT:</b>	Atrazine, Verdict, Roundup, Armezon Pro, Veltyma, Force 3g
<b>FERTILITY - Applied N:</b>	200 Spring
<b>Applied N-P-K (units):</b>	200-0-0
<b>SEEDED - RATE - ROW:</b>	Apr 22 32.4 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 5 31.3 /A

### TEST COMMENTS:

The trial was planted alongside the Mull family into perfect soil conditions. It was mentioned to me that year in and year out, they are ready to go on April 1st. A wet early April delayed planting a bit. There were good stands, and the growing season had at least 1" of rain every week in July, which set the stage for a great trial. Robin's son mentioned to me that the corn never really stressed. Harvest reflected this with outstanding yields.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LEWIS	15DP899	VT2P,B	115	<b>289.5</b>	17.2	1	32.1	991	1
MIDLAND GENETICS	801PR RIB	VT2P,B	117	<b>288.7</b>	18.0	1	31.9	980	2
LEWIS	16DP850	VT2P,B	116	<b>288.5</b>	18.3	1	31.8	976	4
FS INVSION	FS 6606T RIB	TRE,B	116	<b>287.2</b>	18.0	2	32.2	974	5
FS INVSION	FS 6595V RIB	VT2P,B	115	<b>287.0</b>	17.6	1	31.0	978	3
LEWIS	14DD849	VT2PDG,B	114	<b>283.6</b>	17.2	1	30.7	970	6
MIDLAND GENETICS	790SS RIB	STX,B	116	<b>282.4</b>	17.1	1	32.3	968	7
DYNA-GRO	D54VC34	VT2P	114	<b>279.0</b>	16.5	3	30.6	962	8
NUTECH	74B6AM	AM,B	114	277.8	17.0	1	31.7	953	10
DEKALB	DKC64-35RIB GC	VT2P,B	114	277.8	17.1	1	31.3	952	12
FS INVSION	FS 6395VDG RIB	VT2PDG,B	113	277.5	16.7	1	31.4	954	9
<b>BURRUS</b>	<b>8A12 VT2P</b>	<b>VT2P,B</b>	<b>116</b>	<b>277.2</b>	<b>18.0</b>	<b>1</b>	<b>32.2</b>	<b>941</b>	<b>15</b>
MIDLAND GENETICS	660PR DG RIB	VT2PDG,B	113	277.2	16.8	1	32.4	953	11
DEKALB	DKC65-95RIB GC	VT2P,B	115	276.6	17.4	1	32.3	945	13
NUTECH	75G1AM	AM,B	115	275.9	18.0	1	28.8	936	16
FS INVSION	FS 6306T RIB	TRE,B	113	274.3	16.6	1	31.6	945	14
LEWIS	16DP887	VT2P,B	116	271.6	18.4	1	32.0	918	20
GOLDEN HARVEST	G15J91-3220-EZR	3220,B	115	271.0	17.6	1	32.1	924	18
PIONEER	P1870AM GC	AM,B	118	270.8	18.4	1	30.4	916	21
DYNA-GRO	D53VC33	VT2P	113	270.7	16.5	1	31.5	933	17
AGRIGOLD	A6572VT2RIB GC	VT2P,B	114	269.7	17.6	1	30.0	920	19
NK BRAND	NK1523-3220-EZR	3220,B	115	267.3	17.8	1	31.3	909	23
NUTECH	78A1AM	AM,B	117	266.9	18.0	1	29.1	906	25
AGRIGOLD	A646-12VT2RIB GC	VT2P,B	116	266.5	17.6	2	31.5	908	24
AGRIGOLD	A6579VT2RIB GC	VT2P,B	114	265.5	17.0	4	31.3	910	22
FS INVSION	FS 67SV1 RIB	VT2P,B	117	264.1	18.2	1	30.4	894	29
GOLDEN HARVEST	G14N11-5222-EZR	5222,B	114	263.7	17.7	1	31.9	898	27
NK BRAND	NK1239-5122-EZR	5122,B	112	262.9	17.1	1	31.9	901	26
PIONEER	P1464AML GC	AM	114	262.2	17.2	1	31.6	898	28
LEWIS	15DT890	TRE,B	115	258.4	17.1	2	30.6	886	31
PIONEER	P1380AM CK	AM	113	258.1	16.7	1	31.6	888	30

Averages = **270.3** **17.4** **1** **31.3** **924**

LSD (0.10) = 8.7 0.3 1

LSD (0.25) = 4.6 0.2 1

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C.V. = 3.5

Historic yield: 252.9 bu/a, 1 yr(s)

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.035 Prices: GMO = \$3.50; non-GMO = \$3.50

Report Date: 10/10/2020

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different

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## 2020 Corn - Missouri Central [ MOCE ]

### Early-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
AUGUSTA	1259	3330,B	109	AVC,C5
BURRUS	6G34 VT2P	VT2P,B	112	BPS
BURRUS	POWER PLUS 4F71AM	AM,B	109	BPS
BURRUS	POWER PLUS 6Z43AM	AM,B	112	BPS
DEKALB	DKC60-88RIB GC	VT2P,B	110	NA
DEKALB	DKC62-53RIB GC	VT2P,B	112	NA
DYNA-GRO	D52DC82	VT2PDG	112	AC,P5V,EDC-B
FS INVISION	FS 60UV1 RIB	VT2P,B	110	AC,P2
FS INVISION	FS 6106X RIB	STX,B	111	AC,P5V
FS INVISION	FS 6107T RIB	TRE,B	111	AC,P5V
FS INVISION	FS 6194V RIB	VT2P,B	111	AC,P5V
FS INVISION	FS 62ZV1 RIB	VT2P,B	112	AC,P2
GOLDEN HARVEST	G10L16-5222A-EZR	5222A,B	110	AVC,C5,Vi
GOLDEN HARVEST	G12S75-5122-EZR	5122,B	112	AVC,C5,Vi
GREAT HEART	HT-7256DGVT2P	VT2PDG,B	112	NA
LEWIS	07DP700	VT2P,B	107	NA
LEWIS	08DP739	VT2P,B	108	NA
LEWIS	09DD740	VT2PDG,B	109	NA
LEWIS	10DP719	VT2P,B	110	NA
LEWIS	12DT371	TRE,B	112	NA
MIDLAND GENETICS	381VLGA EZ1	3220A,B	108	CM,C2,Vi
MIDLAND GENETICS	429PR RIB	VT2P,B	110	AC
MIDLAND GENETICS	430PR RIB	VT2P,B	110	AC
MIDLAND GENETICS	570PR RIB	VT2P,B	112	AC
MIDLAND GENETICS	XP110-1PR	VT2P,B	110	AC
NK BRAND	NK1082-3330A-EZR	3330A,B	110	AVC,C5,Vi
NK BRAND	NK1205-3120-EZR	3120,B	112	AVC,C5,Vi
NUTECH	5FB-8808AM	AM,B	108	P1V,RN
NUTECH	68A7AM	AM,B	107	P1V,RN
NUTECH	68B3VYHR	OL,B	108	P1V,RN
NUTECH	70A8AM	AM,B	110	P1V,RN
NUTECH	72B7CYFR	QR	112	P1V,RN
PIONEER	P0977AM GC	AM,B	109	NA
PIONEER	P1077AM GC	AM,AQ,B	110	NA
PIONEER	P1197AM GC	AM,B	111	NA
PIONEER	P1380AM CK	AM	113	NA

## 2020 Corn - Missouri Central [ MOCE ]

### Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
AGRIGOLD	A646-12VT2RIB GC	VT2P,B	116	NA
AGRIGOLD	A6572VT2RIB GC	VT2P,B	114	NA
AGRIGOLD	A6579VT2RIB GC	VT2P,B	114	NA
BURRUS	8A12 VT2P	VT2P,B	116	BPS
DEKALB	DKC64-35RIB GC	VT2P,B	114	NA
DEKALB	DKC65-95RIB GC	VT2P,B	115	NA
DYNA-GRO	D53VC33	VT2P	113	AC,P5V,EDC-B
DYNA-GRO	D54VC34	VT2P	114	AC,P5V,EDC-B
FS INVISION	FS 6306T RIB	TRE,B	113	AC,P5V
FS INVISION	FS 6395VDG RIB	VT2PDG,B	113	AC,P5V
FS INVISION	FS 6595V RIB	VT2P,B	115	AC,P5V
FS INVISION	FS 6606T RIB	TRE,B	116	AC,P5V
FS INVISION	FS 67SV1 RIB	VT2P,B	117	AC,P2
GOLDEN HARVEST	G14N11-5222-EZR	5222,B	114	AVC,C5,Vi
GOLDEN HARVEST	G15J91-3220-EZR	3220,B	115	AVC,C5,Vi
GREAT HEART	HT-7302VT2P	VT2P,B	113	NA
LEWIS	14DD849	VT2PDG,B	114	NA
LEWIS	15DP899	VT2P,B	115	NA
LEWIS	15DT890	TRE,B	115	NA
LEWIS	16DP850	VT2P,B	116	NA
LEWIS	16DP887	VT2P,B	116	NA
MIDLAND GENETICS	656PR RIB	VT2P,B	113	AC
MIDLAND GENETICS	660PR DG RIB	VT2PDG,B	113	AC
MIDLAND GENETICS	770PR DG RIB	VT2PDG,B	115	AC
MIDLAND GENETICS	790SS RIB	STX,B	116	AC
MIDLAND GENETICS	801PR RIB	VT2P,B	117	AC
NK BRAND	NK1239-5122-EZR	5122,B	112	AVC,C5,Vi
NK BRAND	NK1523-3220-EZR	3220,B	115	AVC,C5,Vi
NUTECH	5FB-2213AM	AM,B	113	P1V,RN
NUTECH	74B6AM	AM,B	114	P1V,RN
NUTECH	75G1AM	AM,B	115	P1V,RN
NUTECH	78A1AM	AM,B	117	P1V,RN
NUTECH	E74D3AM	AM,B	114	P1V,RN
PIONEER	P1380AM CK	AM	113	NA
PIONEER	P1464AML GC	AM	114	NA
PIONEER	P1870AM GC	AM,B	118	NA

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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<sup>^</sup> Innotech™ brand seed is distributed by Rob-See-Co, LLC. Power Plus® brand seed is distributed by Burrus. Innotech™ is a trademark of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience.

CK Identifies a check product included in early- and full-season tests.

GC Grower Comparison product included by FIRST when space permits.

### Corn Technologies\*

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3120 Agrisure® 3120 (CB,HX,LL,GT)  
 3220 Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)  
 3220A Agrisure® Artesian® Viptera® 3220  
 (Vip,CB,HX,LL,GT)  
 3330 Agrisure® Viptera® 3330 (Vip,CB,LL,GT)  
 3330A Agrisure® Artesian® Viptera® 3330 (Vip,CB,LL,GT)  
 5122 Agrisure® Duracade™ 5122  
 5222 Agrisure® Duracade™ 5222  
 5222A Agrisure® Duracade™ Artesian® 5222  
 AM Optimum® AcreMax®  
 AQ Optimum® AQUAmax®  
 B Blend, Refuge in a Bag (RIB) or EZ-Refuge  
 OL Optimum® Leptra®  
 QR Qrome™  
 STX SmartStax®  
 TRE Genuity® Trecepta™  
 VT2P Genuity® VT Double PRO®  
 VT2PDG Genuity® VT Double PRO® DroughtGard®

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\*The refuge component genetics may vary in a refuge blend seed product.

## Corn Seed Treatments\*\*

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NA	Not Available
AC	Acceleron®, unspecified
AC,P2	Acceleron, Poncho 250
AC,P5V	Acceleron, Poncho 500/Votivo
AC,P5V,EDC-B	Acceleron, Basic Poncho 500/Votivo with Enhanced Disease Control
AVC,C5	Avicta Complete 500
AVC,C5,Vi	Avicta Complete 500, Vibrance
BPS	Burros PowerShield
CM,C2,Vi	CruiserMaxx 250 with Vibrance
P1V,RN	Poncho 1250/Votivo, Rancona®

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\*\* Seed treatments may include unspecified plant health promoting components.